STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT MEMORANDUM FOR ENGINEERING

DATE: 2/1/2022

To: Darren E. Meyers
Director of Capital Services
Bureau of Finance & Administration

MOD # RPM

From: L. Zhang for Marissa Pfaffinger

PE or PL Project ID: **DOT01010119PE**
FD Project ID: **DOT01010119FD**
RW Project ID: **DOT01010119RW**
CN Project ID: **DOT01010119CN**

Please Review Project Information and Estimate for Approval:

Project Description (short): (30 Characters) 28	Culvert Replacement - CT 201
Project Description (long): (254 Characters) 247	Replace twin 48" CMPs under CT Route 201 in North Stonington, due to failing condition, with either twin 48" Reinforced Concrete Pipes (RCPs) or Concrete Box Culvert with concrete endwalls, pending hydraulic analysis/environmental considerations.

Justification: (1333 Characters) 862	CTDOT District 2 Maintenance has requested replacement of the twin Corrugated Metal Pipes (CMPs). The existing CMPs were installed in 1939 as part of the construction of Route 201 (Cossaduck Hill Road) to carry Ashwillet Brook under Route 201 from Anderson's Pond. By 2009, the condition of the CMPs had deteriorated to the point where section losses and joint separation were causing backfill material to get washed away and the formation of voids. This condition necessitated corrective action that was performed by CTDOT Maintenance. In the years since, the roadway has continued to settle with frequent pavement patches needed to keep the roadway functional. Condition has reached a point where maintenance efforts are no longer sufficient and a project is needed to address for the continued stability of the roadway. The PE phase includes a PD/FD split.
Project Manager: Scott Bushee **Project Engineer:** Michael Laurice	PPI # PP101-0004. CT 201 is a Rural Major Collector. While all phases of the project are being programmed for 80% Federal funds to start, FY26 "Drai-nage" placeholder under FIF-Roadway in OBL to be reduced by $1.78M based on total estimated cost and schedule of CN phase.

Scope Code: RP 4 — RP 4 - Miscellaneous Roadway Projects

	Requested Schedule (Proj. Manager):		Assigned Schedule (Capital Planning):
☑ State ADV	4/27/2022	PE(PD) Start	PE Auth
☐ Town ADV	1/31/2024	Design Approval/FD/RW	FD/RW Auth
	9/3/2025	FDP	FDP
	10/15/2025	DCD	DCD
	11/12/2025	ADV	ADV

PE PAED is 4/14/2028

Estimates Summary:

Project Type	EST Amount Requested
PE or PL	$700,000
FD	$300,000
Total	**$1,000,000**

Project Type	EST Amount Requested
RW	$50,000
Total	**$50,000**

Project Type CN

Activity	EST Amount Requested
CT	$1,780,000
CG	$0
IN	$0
NI	$0
NF	$0
UT	$0
RF	$0
SF	$0
TF	$0
CM	$0
Total	**$1,780,000**

Project Grand Total (Sum of Project Types) = $2,830,000

Submitted by: (sign & date)
Not Required
Project Manager
Digitally signed by Marissa L Pfaffinger Date: 2022.02.03 17:26:50-05'00'
Principal Engineer - Marissa L Pfaffinger

Approved by: (sign & date)
Digitally signed by Calabrese, Michael Date: 2022.02.03 20:50:59-05'00'
Division Chief - Michael N. Calabrese
2/7/2022
Director of Capital Services - Darren E. Meyers

Estimates for PL, PD, portion of PE, or total PE (if no PD/FD split):								RPM		Project ID	DOT01010119PE		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
PE	PE0000	$560,000	12062	22108	ZSTPR	$140,000	13033	41404	ZSTEZ				
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		$560,000				$140,000				$0			
	Total	**$700,000**											

Estimates for FD of PE portion:								RPM		Project ID	DOT01010119FD		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
FD	PE0000	$240,000	12062	22108	ZSTPR	$60,000	13033	41404	ZSTEZ				
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FD													
		$240,000				$60,000				$0			
	Total	**$300,000**											

Estimates for Rights of Way:								RPM		Project ID	DOT01010119RW		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
RW	RW0000	$40,000	12062	22108	ZSTPR	$10,000	13033	41404	ZSTEZ				
RW													
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RW													
		$40,000				$10,000				$0			
	Total	**$50,000**											

Estimates for Construction:								RPM		Project ID	DOT01010119CN		
Proj Type	Activity	Federal Amount	Fed Fund	Fed SID	Source Type	State Amount	State Fund	State SID	Source Type	Other Amount	Other Fund	Other SID	Source Type
CN	CT0000	$1,424,000	12062	22108	ZSTPR	$356,000	13033	41404	ZSTEZ				
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		$1,424,000				$356,000				$0			
	Total	**$1,780,000**											